

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026608.D
 Acq On : 26 Jan 2022 20:29
 Operator : JC/MD
 Sample : N1286-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4R

Quant Time: Jan 27 07:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

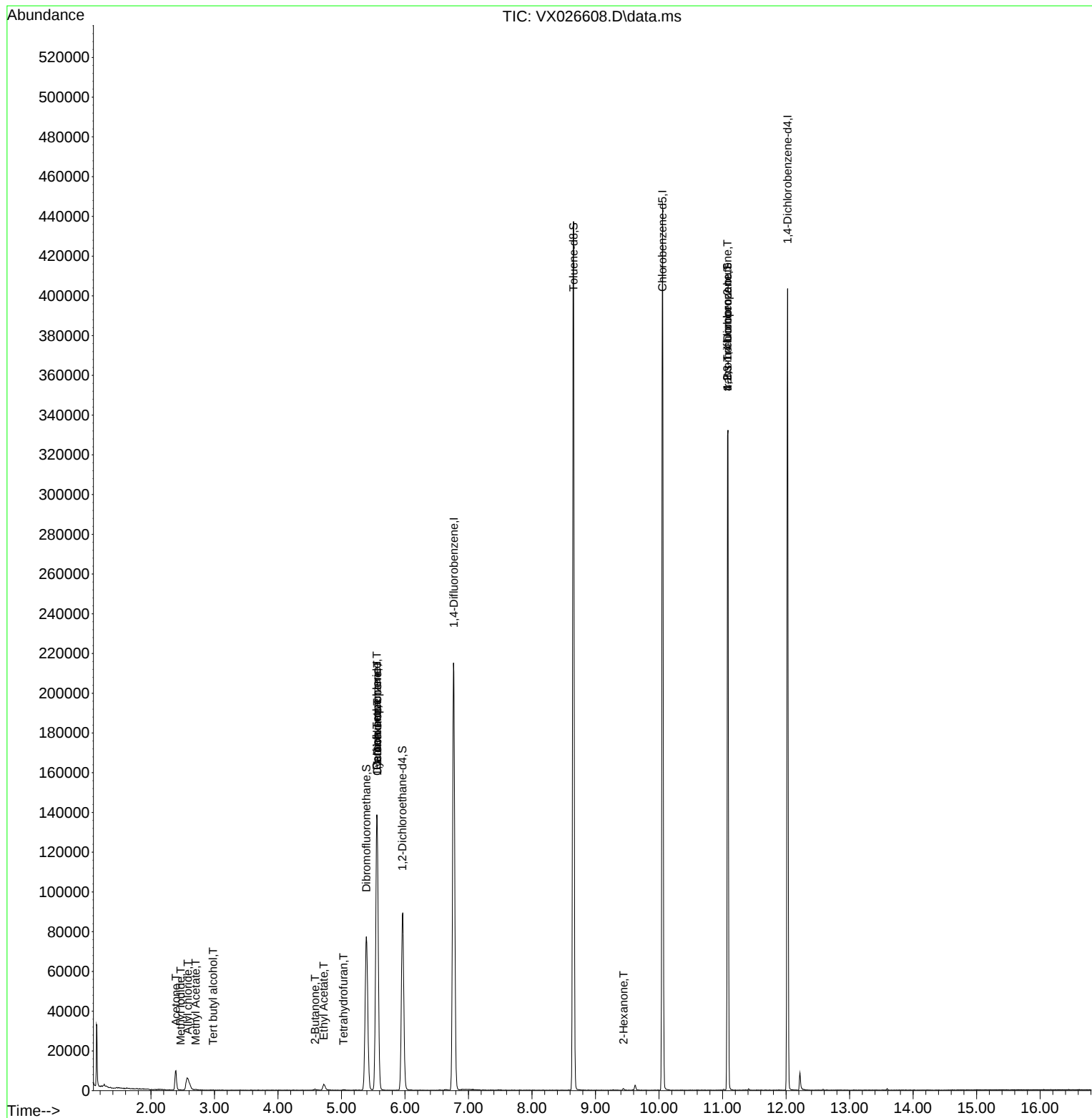
Internal Standards						
1) Pentafluorobenzene	5.555	168	129006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86818	48.176	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.360%		
35) Dibromofluoromethane	5.391	113	68975	48.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.060%		
50) Toluene-d8	8.652	98	259583	50.679	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.360%		
62) 4-Bromofluorobenzene	11.079	95	92875	51.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.080%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	22	4.458	ug/l #	37
11) Tert butyl alcohol	2.977	59	109	0.435	ug/l #	75
14) Allyl chloride	2.580	41	1403	0.566	ug/l #	73
16) Acetone	2.391	43	11916	12.966	ug/l	99
18) Methyl Acetate	2.702	43	541	0.296	ug/l #	53
25) 2-Butanone	4.586	43	1188	0.994	ug/l	92
29) Tetrahydrofuran	5.031	42	358	0.504	ug/l #	42
31) Cyclohexane	5.562	56	2673	1.006	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10250	4.568	ug/l #	51
37) Ethyl Acetate	4.720	43	5607	2.470	ug/l	95
38) Carbon Tetrachloride	5.555	117	13508	5.852	ug/l #	17
59) 2-Hexanone	9.439	43	679	0.408	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	46803	26.008	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46803	78.855	ug/l #	3

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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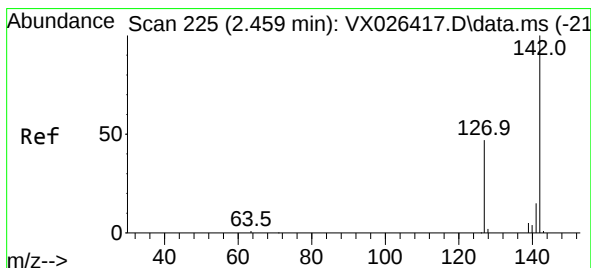
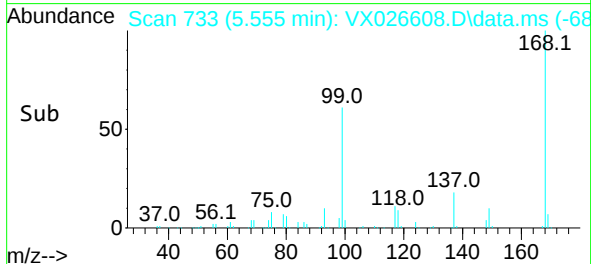
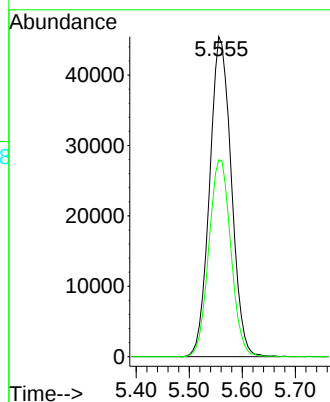
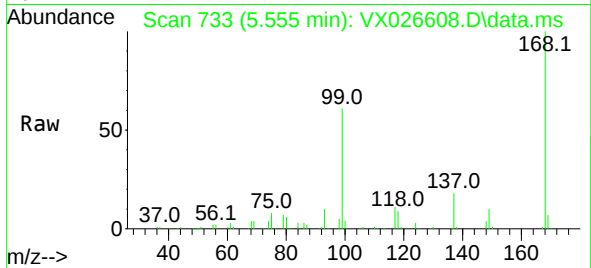




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

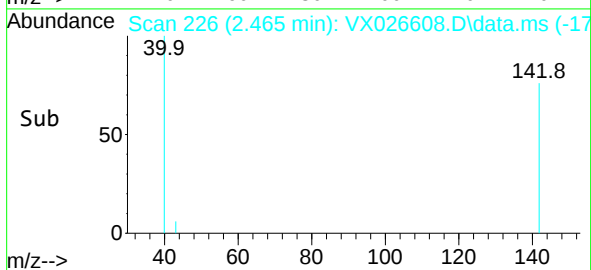
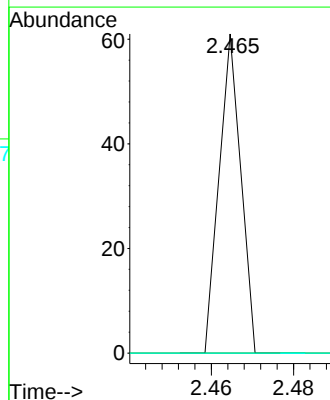
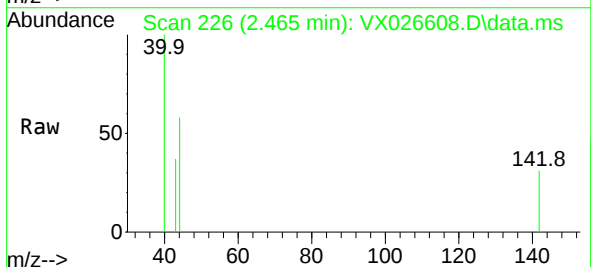
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

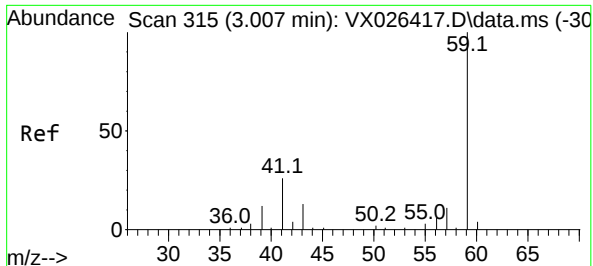
Tgt Ion:168 Resp: 129006
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#10
Methyl Iodide
Concen: 4.458 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.435 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.030 min

Lab File: VX026608.D

Acq: 26 Jan 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

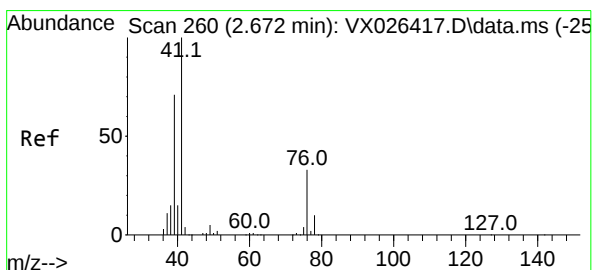
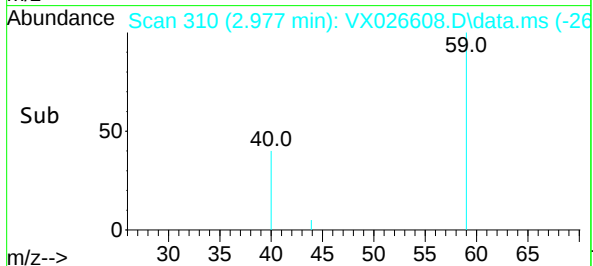
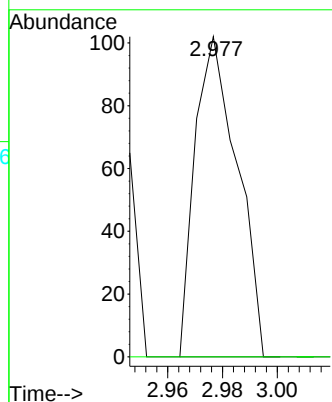
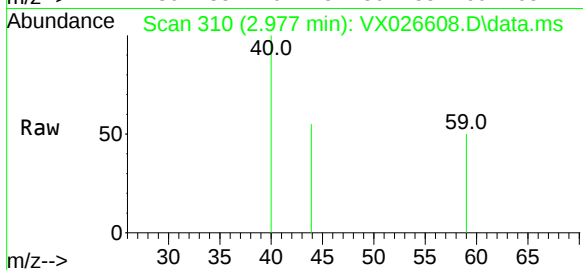
MW-4R

Tgt Ion: 59 Resp: 109

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.566 ug/l

RT: 2.580 min Scan# 245

Delta R.T. -0.092 min

Lab File: VX026608.D

Acq: 26 Jan 2022 20:29

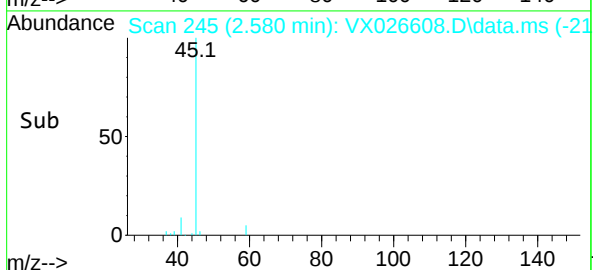
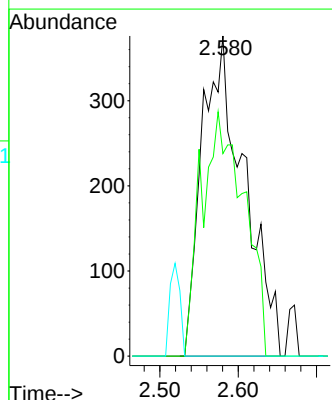
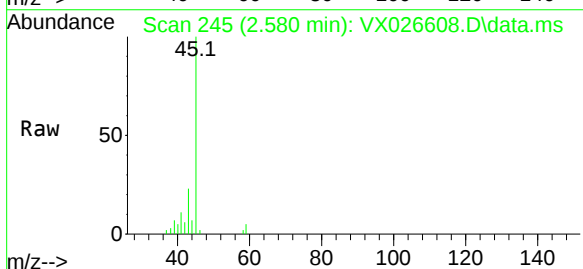
Tgt Ion: 41 Resp: 1403

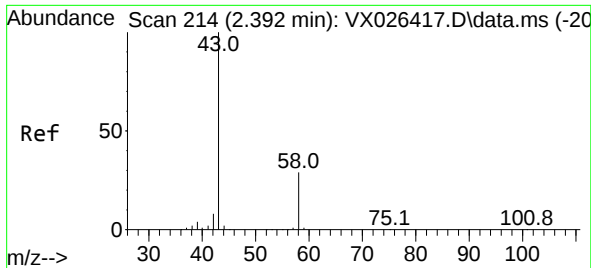
Ion Ratio Lower Upper

41 100

39 78.1 54.2 81.4

76 0.0 25.2 37.8#

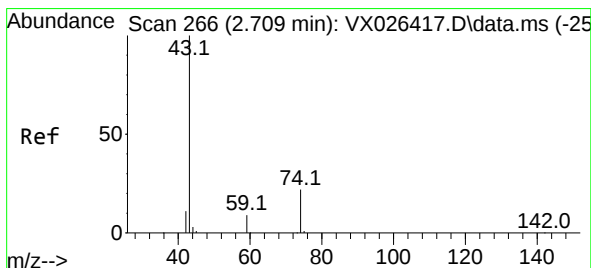
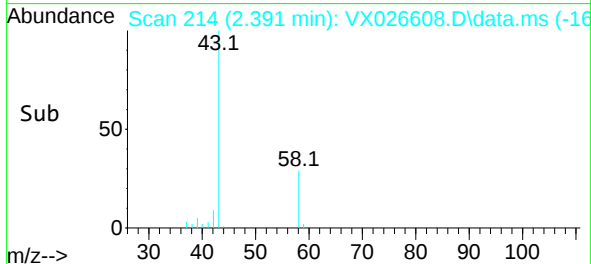
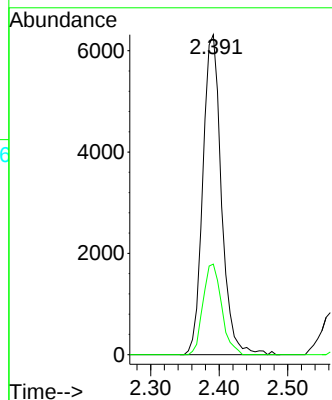
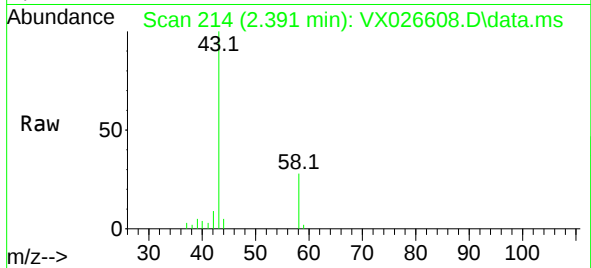




#16
Acetone
Concen: 12.966 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

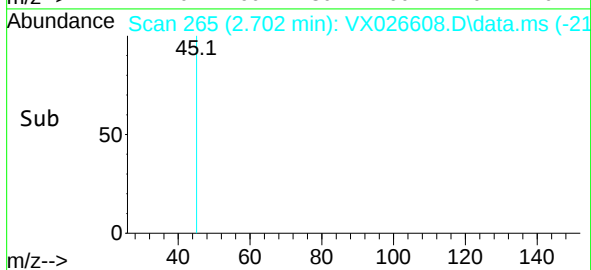
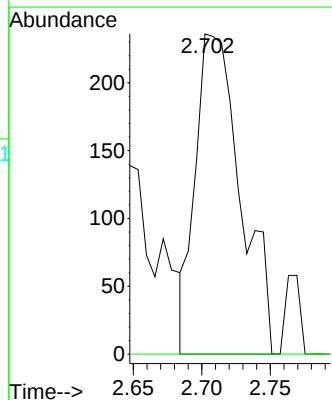
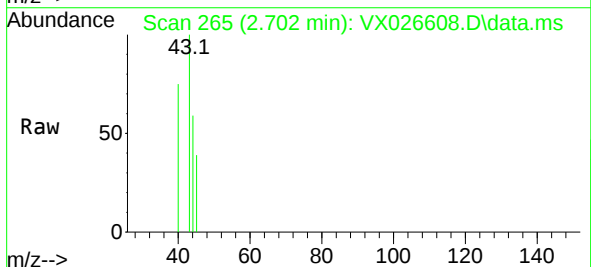
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

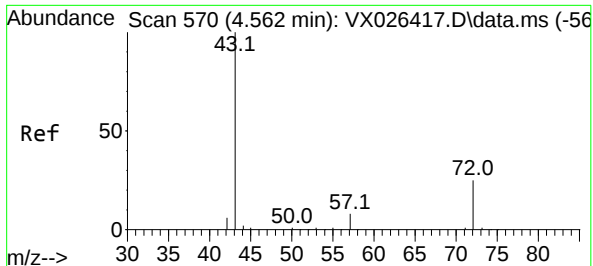
Tgt Ion: 43 Resp: 11916
Ion Ratio Lower Upper
43 100
58 28.3 23.0 34.6



#18
Methyl Acetate
Concen: 0.296 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#





#25

2-Butanone

Concen: 0.994 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX026608.D

Acq: 26 Jan 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

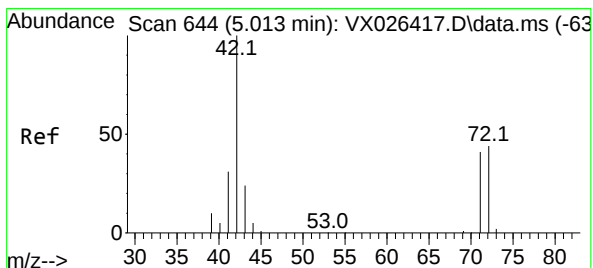
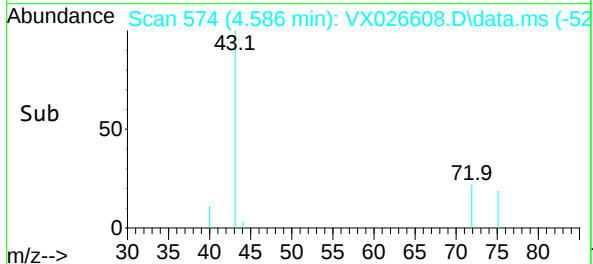
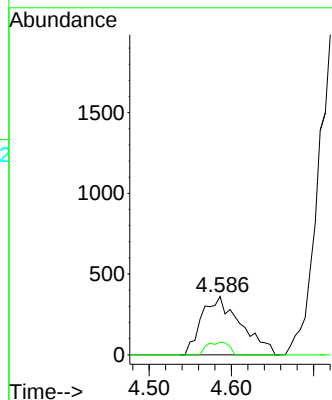
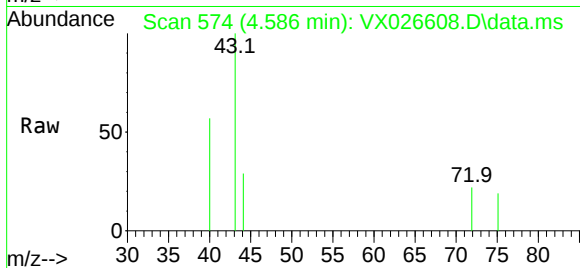
MW-4R

Tgt Ion: 43 Resp: 1188

Ion Ratio Lower Upper

43 100

72 21.6 20.4 30.6



#29

Tetrahydrofuran

Concen: 0.504 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX026608.D

Acq: 26 Jan 2022 20:29

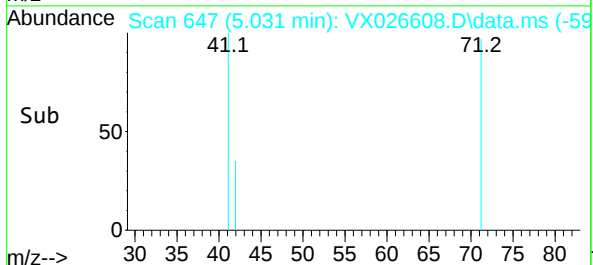
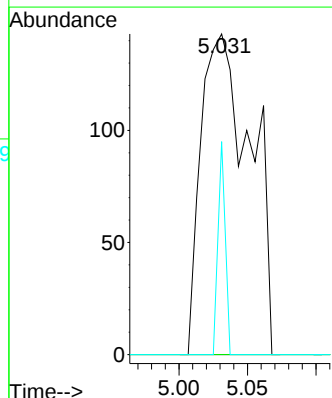
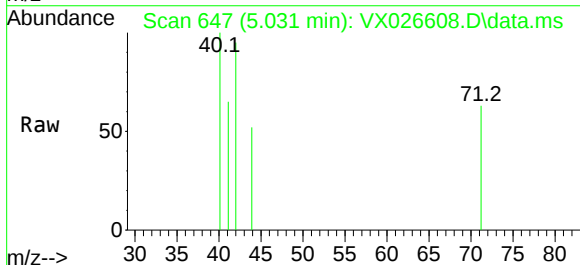
Tgt Ion: 42 Resp: 358

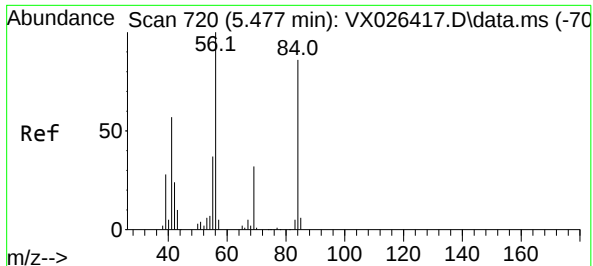
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

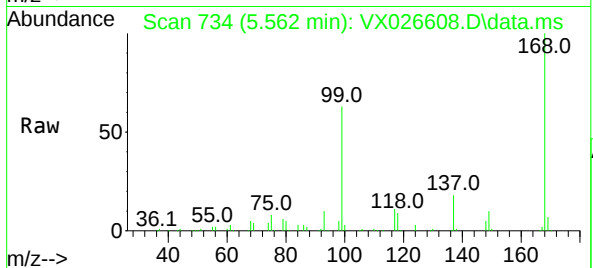
71 9.8 31.8 47.8#



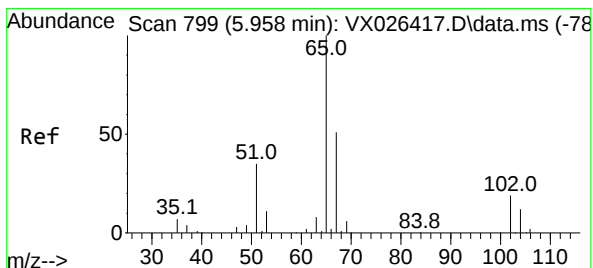
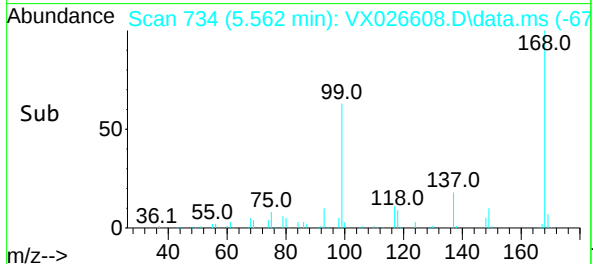
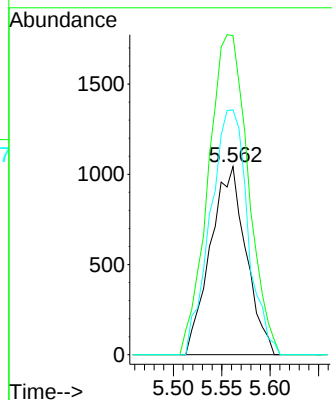


#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Instrument :
MSVOA_X
ClientSampleId :
MW-4R

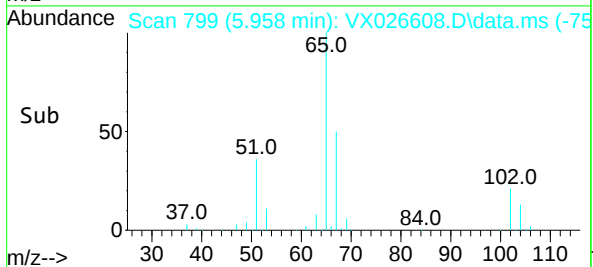
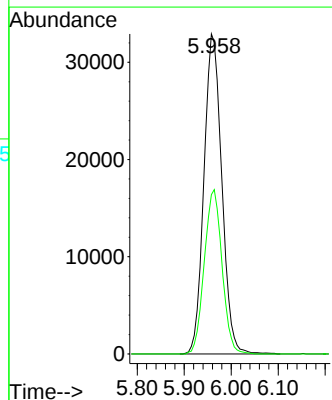
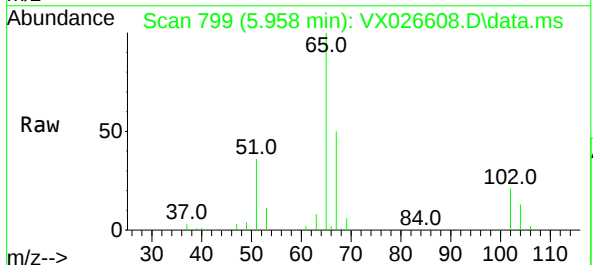


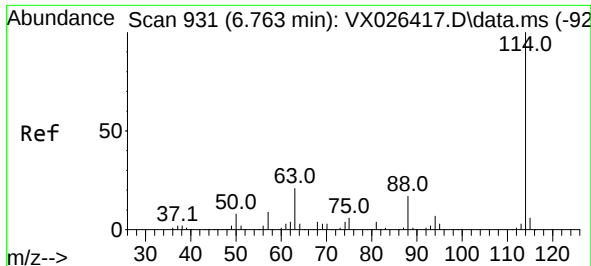
Tgt Ion: 56 Resp: 2673
Ion Ratio Lower Upper
56 100
69 169.6 25.8 38.6#
84 130.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.176 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Tgt Ion: 65 Resp: 86818
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8

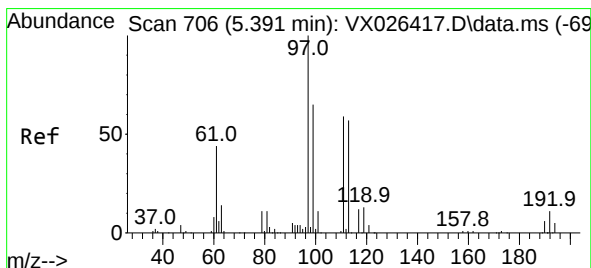
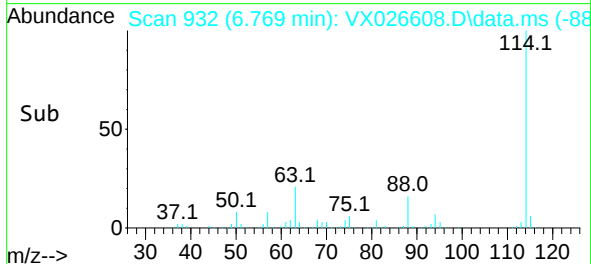
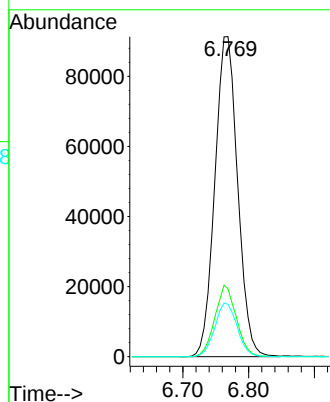
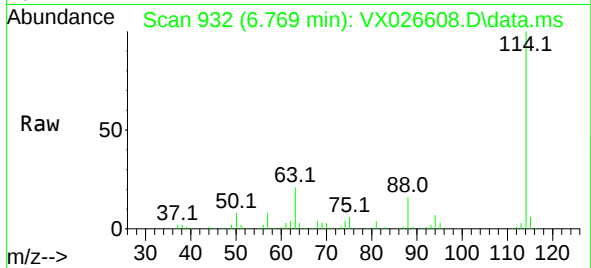




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

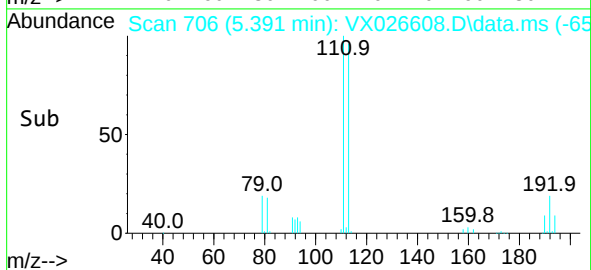
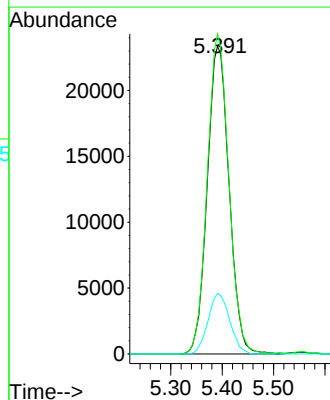
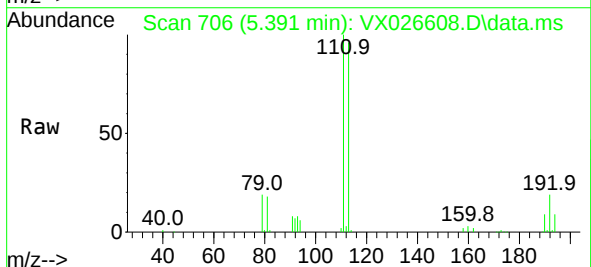
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

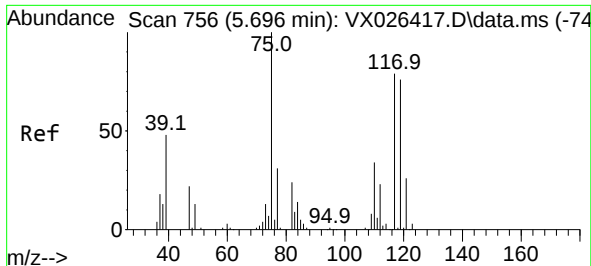
Tgt Ion:114 Resp: 220107
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.527 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Tgt Ion:113 Resp: 68975
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.5 15.0 22.4

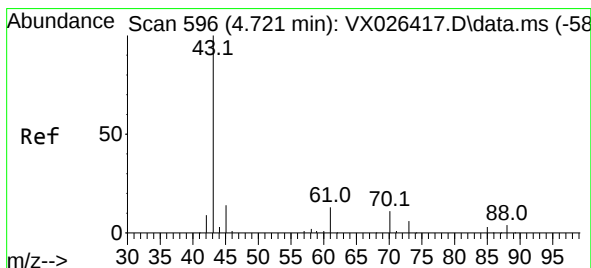
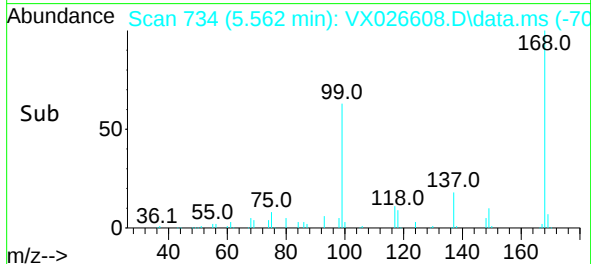
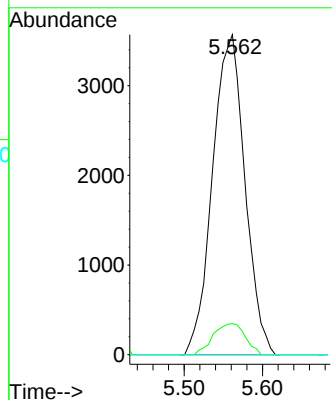
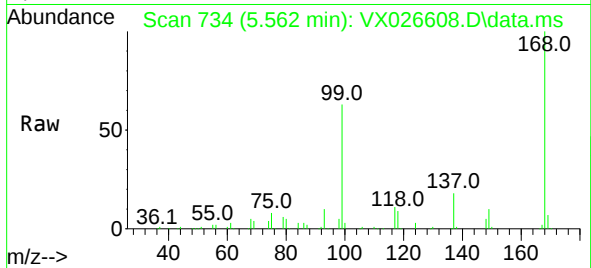




#36
1,1-Dichloropropene
Concen: 4.568 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

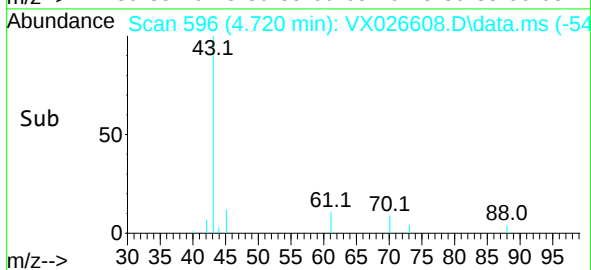
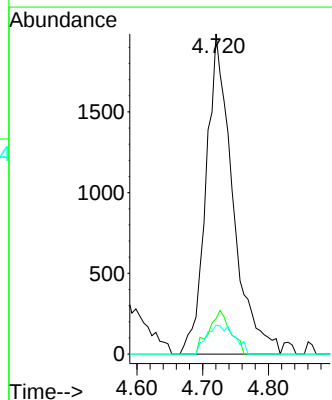
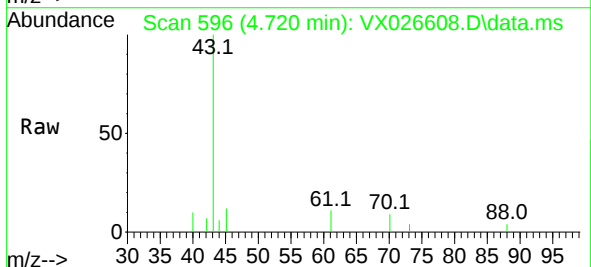
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

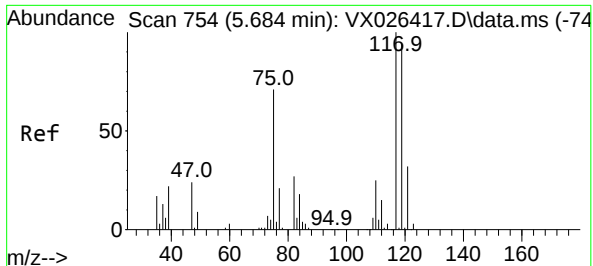
Tgt Ion: 75 Resp: 10250
Ion Ratio Lower Upper
75 100
110 9.6 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 2.470 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Tgt Ion: 43 Resp: 5607
Ion Ratio Lower Upper
43 100
61 11.0 10.6 16.0
70 9.5 8.5 12.7

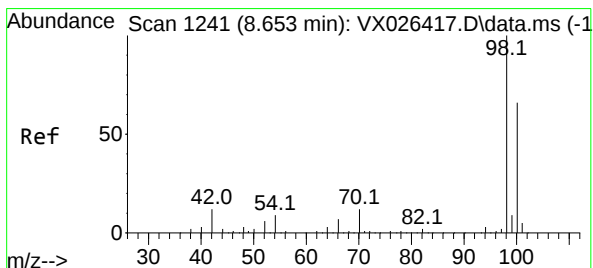
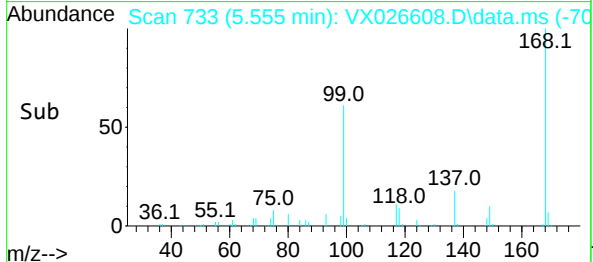
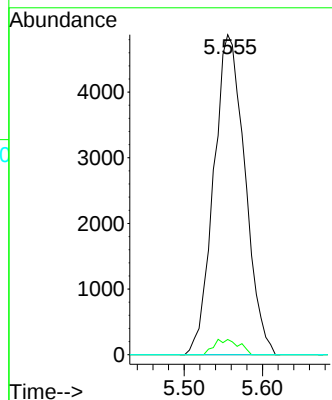
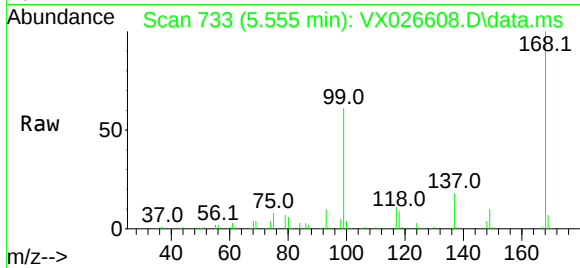




#38
Carbon Tetrachloride
Concen: 5.852 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

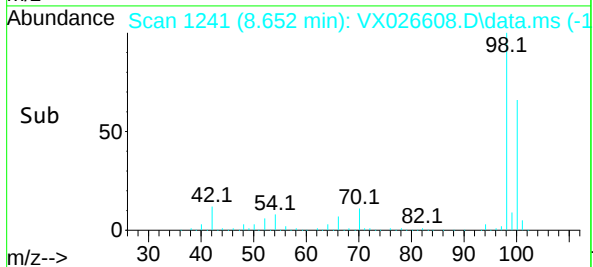
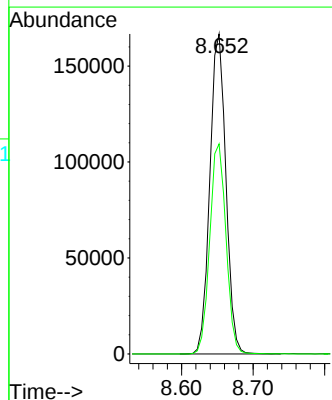
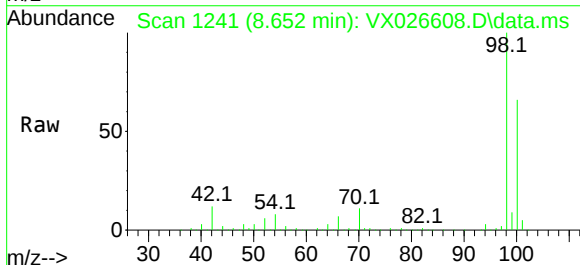
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

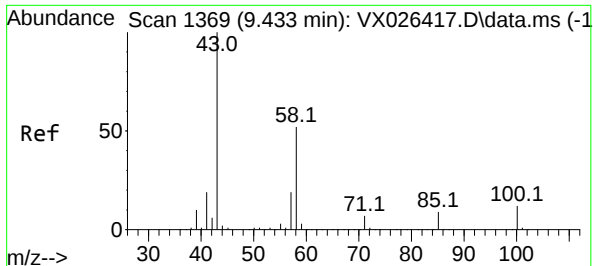
Tgt Ion:117 Resp: 13508
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.679 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Tgt Ion: 98 Resp: 259583
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8





#59

2-Hexanone

Concen: 0.408 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX026608.D

Acq: 26 Jan 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

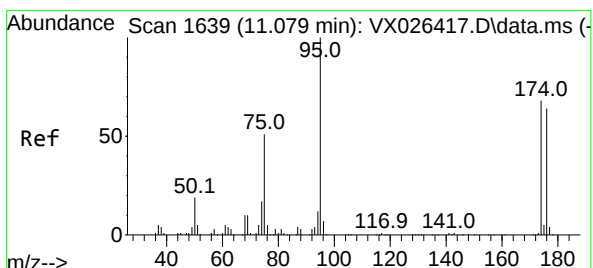
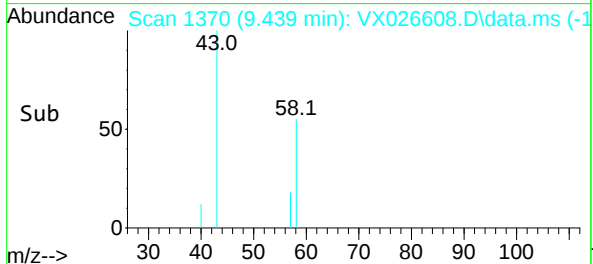
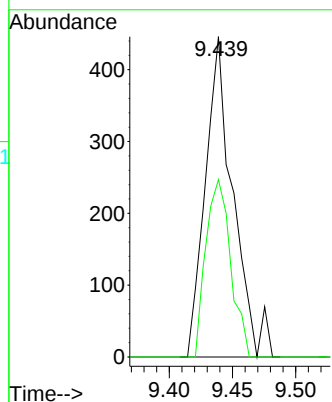
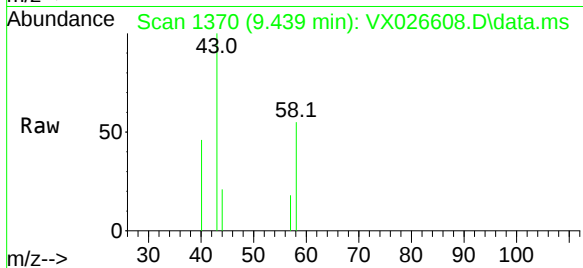
MW-4R

Tgt Ion: 43 Resp: 679

Ion Ratio Lower Upper

43 100

58 49.6 26.4 79.2



#62

4-Bromofluorobenzene

Concen: 51.043 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX026608.D

Acq: 26 Jan 2022 20:29

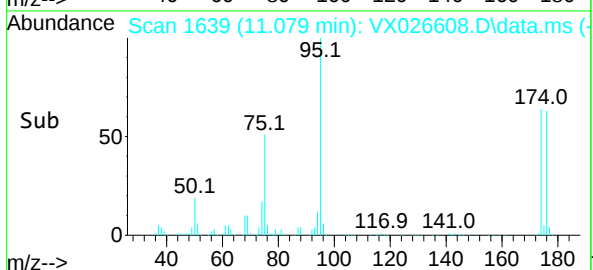
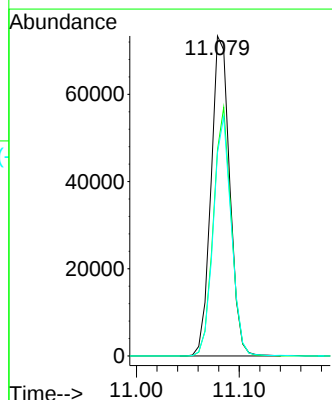
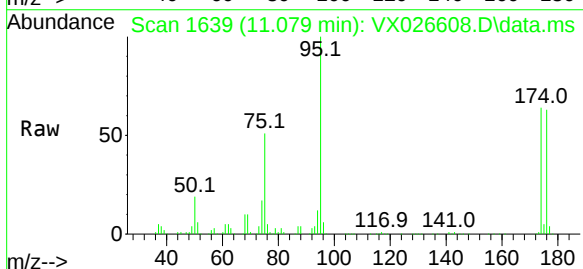
Tgt Ion: 95 Resp: 92875

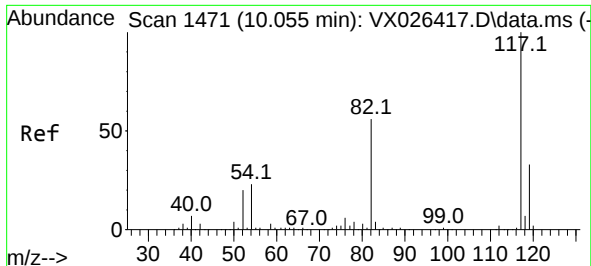
Ion Ratio Lower Upper

95 100

174 73.4 0.0 148.6

176 71.6 0.0 141.4

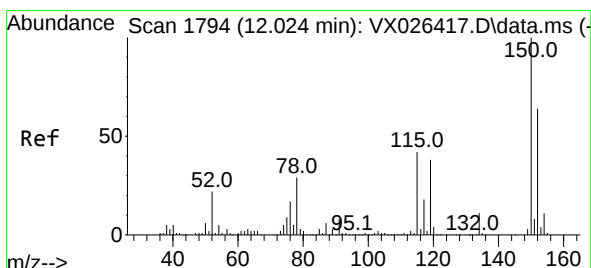
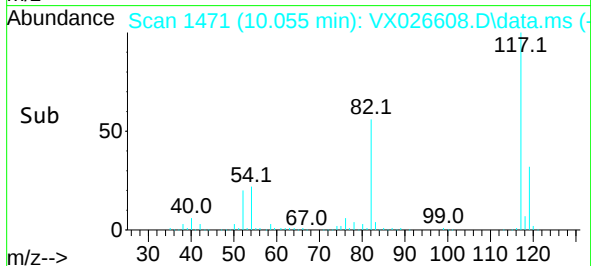
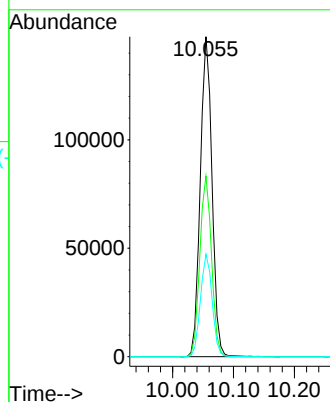
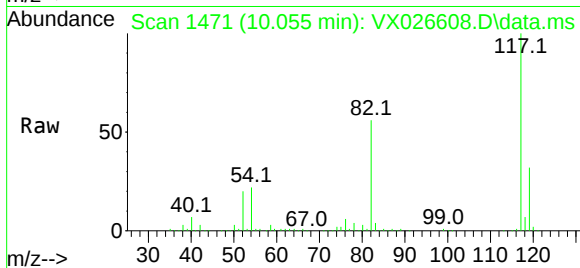




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

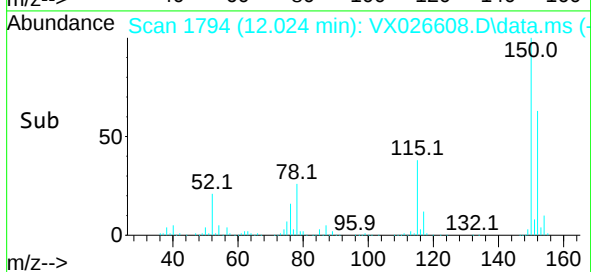
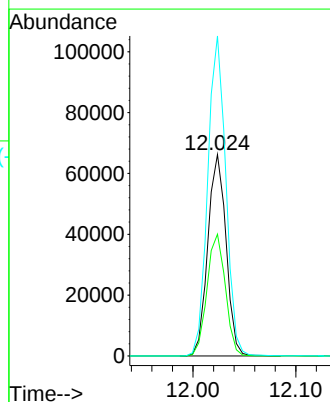
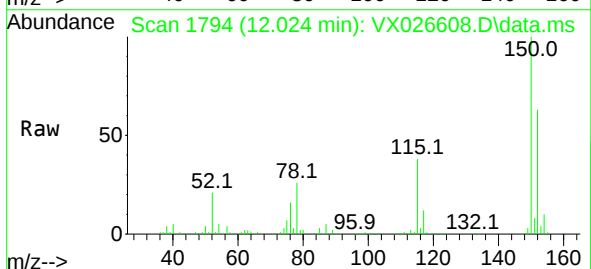
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

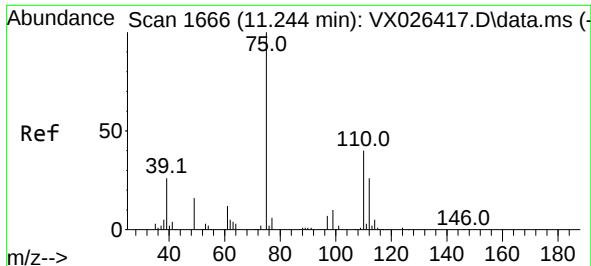
Tgt Ion:117 Resp: 197133
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Tgt Ion:152 Resp: 81731
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 157.1 0.0 348.2

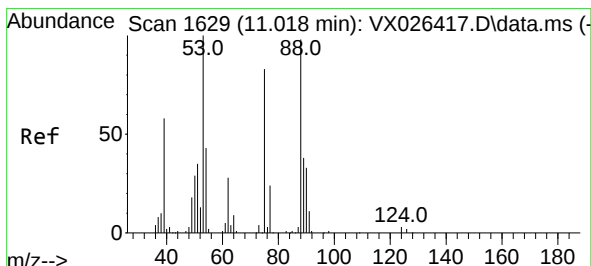
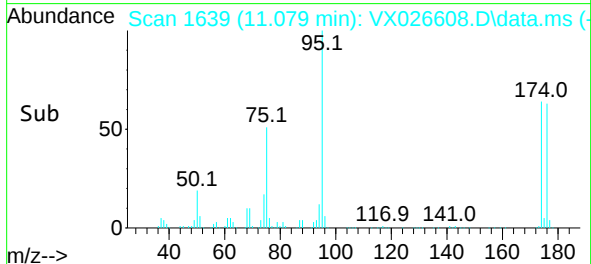
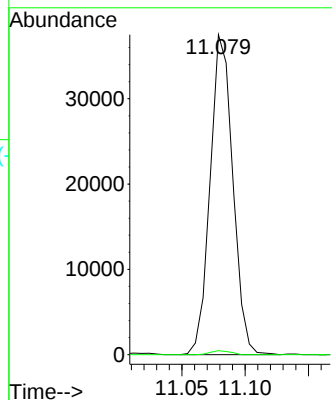
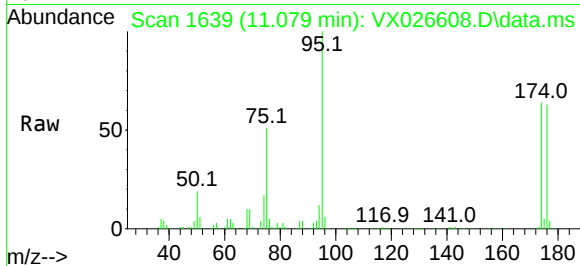




#76
1,2,3-Trichloropropane
Concen: 26.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Instrument :
MSVOA_X
ClientSampleId :
MW-4R

Tgt Ion: 75 Resp: 46803
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026608.D
Acq: 26 Jan 2022 20:29

Tgt Ion: 75 Resp: 46803
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

